APPROVED	O.G. F	IG. 14
BY .	CLASS	SUBCLASS
יפ)	1 , 7 !
DRAFTSMAN	251	100

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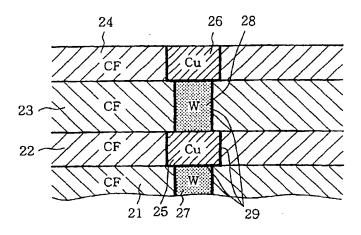


FIG. la

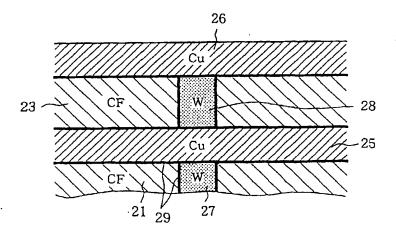
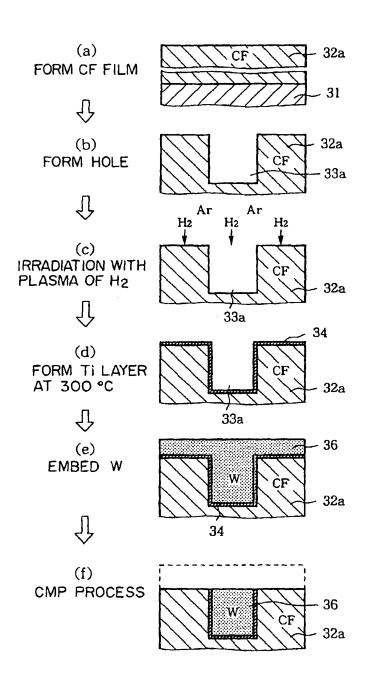


FIG. 1b

APPROVED	O.G. FIG.				
BY	CLASS SUBCLASS				
PRAFTSMAN					

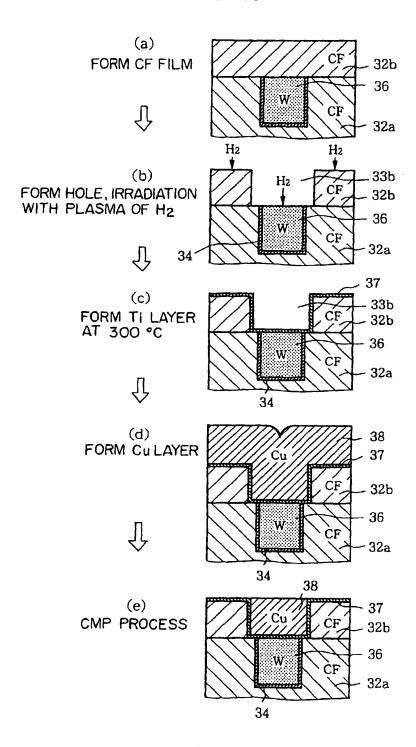
2/15



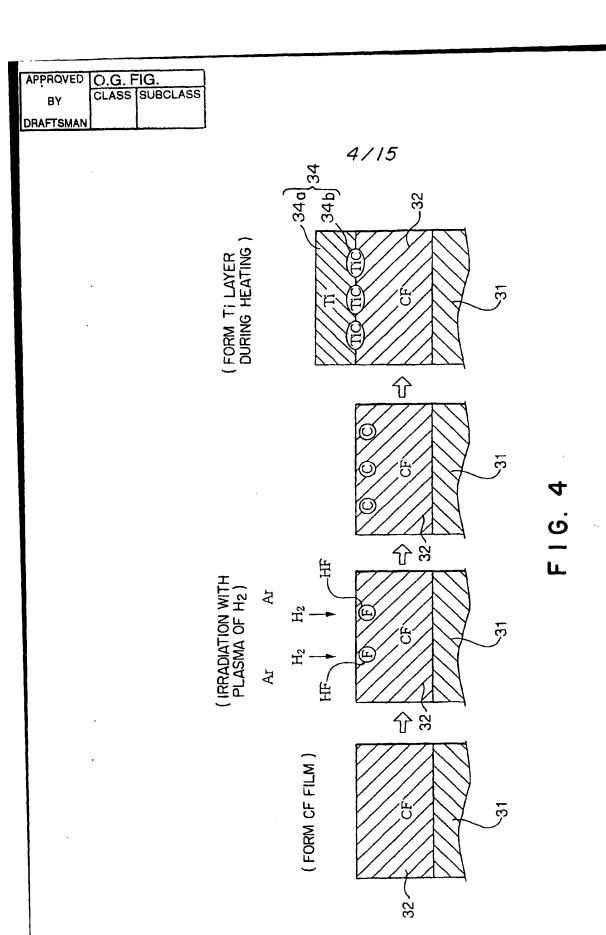
F1G. 2

APPROVED-	O.G. FIG.		
BÍA	CLASS	SUBCLASS	
RAFTSMAN			

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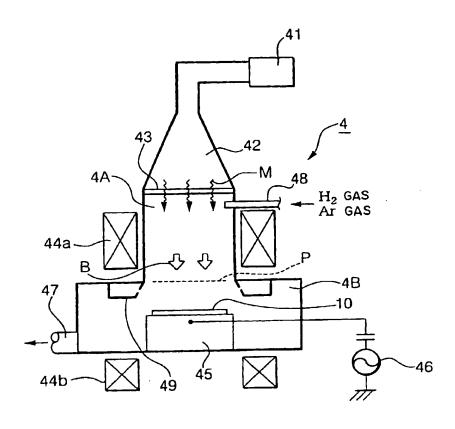


F I G. 3



APPROVED	O.G. FIG.		
BY	CLASS	SUBCLASS	
DRAFTSMAN			

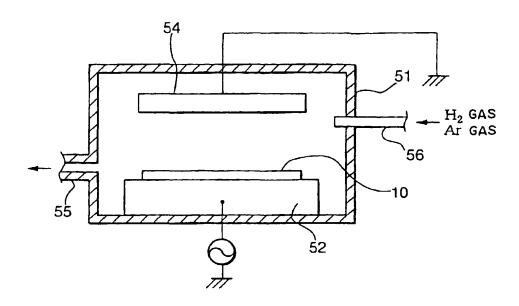
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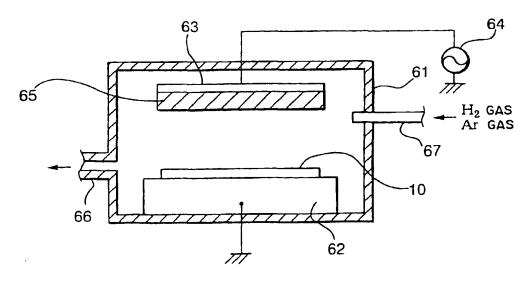
F I G. 5

	O.G. FIG.			
В У ` '	CLASS SUBCLASS			
DRAFTSMAN				

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F1G. 6



F I G. 7

APPROVED	O.G. FIG.			
, вх	CLASS SUBCLASS			
DRAFTSMAN				

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Cu	2000Å	
Ti	500Å	
CF	5000Å	
Si		

FIG. 8a

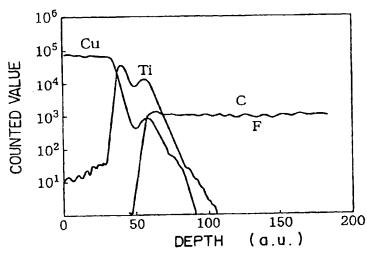


FIG. 8b

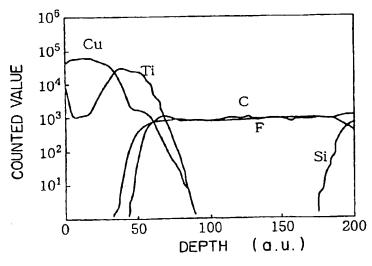


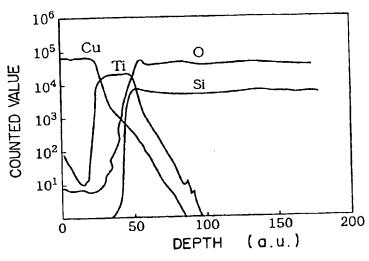
FIG. 8c

APPROVED	O.G. FIG.			
BA,	CLASS SUBCLASS			
PAFTSMAN				

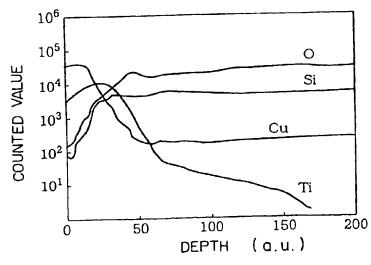
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Cu	2000Å	
Ti	500Å	
SiO ₂	5000Å	
Si		

FIG. 9a



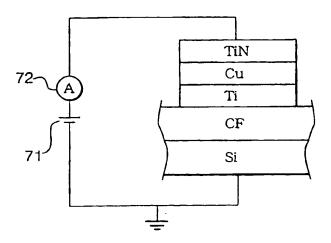
F I G. 9 b



F1G.9c

APPROVED	O.G. FIG.			
'ВΫ	CLASS SUBCLASS			
DRAFTSMAN				

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F I G. 10

APPROVED	O.G. FIG.			
, BA,	CLASS SUBCLASS			
DRAFTSMAN				

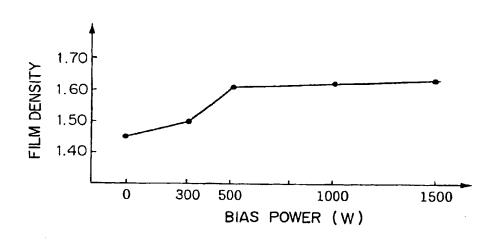
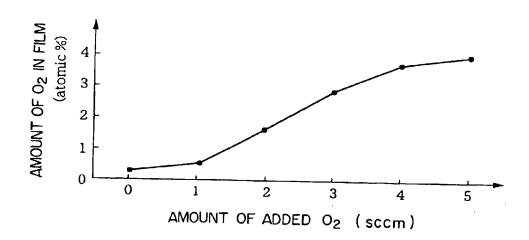


FIG. IIa

BIAS POWER (W)	0	300	500	1000	1500
MTTF (hr)	0.98	1.63	1.65	1.80	1.92

FIG. IIb

APPROVED	O.G. FIG.		
BY .	CLASS	SUBCLASS	
DRAFTSMAN			

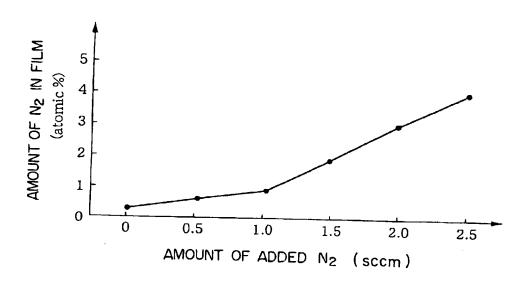


F1G. 12a

AMOUNT OF ADDED O2 (sccm)	0	1	2	3	4	5
MTTF (hr)	1.92	2.13	2.11	1.90	0.84	0.65

FIG. 12b

APPROVED O.G. FIG.						
D	O.G. FIG.					
,BY, .	CLASS	SUBCLASS				
DRAFTSMAN						



F I G. 13a

AMOUNT OF ADDED N2 (sccm)	0	0.5	1.0	1.5	2.0	2.5
MTTF (hr)	1.92	1.81	1.70	1.65	1.55	0.78

F I G. 13 b

PPROVED	O.G. F	IG.
BA ,	CLASS	SUBCLASS
RAFTSMAN		

	·
AMOUNT OF ADDED BF3 (sccm)	AMOUNT OF B IN FILM
0.1	5 x 10 ⁻⁴ atomic %
0.2	10 ⁻³ atomic %
1	0.01 atomic %
5	0.1 atomic %
10	1 atomic %
20	2 atomic %

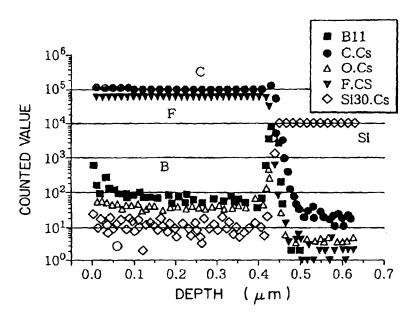
F I G. 14 a

AMOUNT OF ADDED BF3 (sccm)	0.1	0.2	1	5	10	20
MTTF (hr)	1.98	2.35	2.65	2.68	2.76	0.75

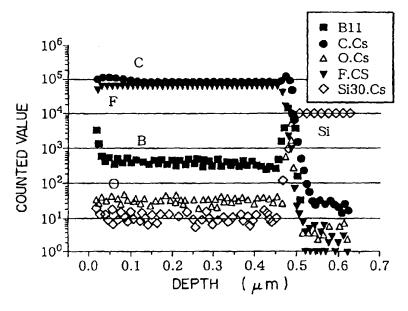
F I G. 14 b

APPROVED	O.G. FIG.				
'BY^ ^	CLASS SUBCLASS				
DRAFTSMAN					

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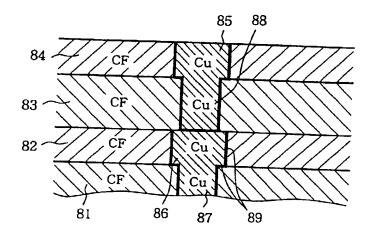
F1G. 15a



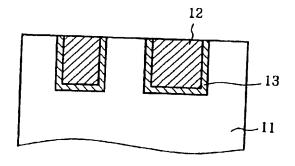
F I G. 15 b

APPROVED	O.G. FIG.				
ΒΥ	CLASS SUBCLASS				
DRAFTSMAN					

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F I G. 16



F I G. 17